AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions and listing of claims in the abovereferenced application.

Listing of Claims:

1. (Currently Amended) A computer implemented method of scanning a storage device for viruses, comprising:

determining, by the storage device, each track [[physical portions]] of the storage device that [[have]] has been [[modified]] accessed for a write operation since a previous virus scan using information about [[the physical portions]] tracks of the storage device without using information about a file structure, a file system, or a file type;

detecting, by the storage device, write operations to tracks of the storage device;

providing, to an antivirus unit by the storage device, information indicating which tracks of the storage device have been accessed for a write operation since the previous virus scan; and scanning, by the antivirus unit using the information provided by the storage device, at least a portion of each track identified as having been accessed for a write operation since the previous virus scan [[parts of the physical portions]] for viruses, wherein scanning is performed without using information about a file structure, a file system, or a file type, and wherein scanning is performed on those tracks to which write operations have been directed in accordance with the information provided by the storage device.

2.(Canceled)

3. (Currently Amended) A method, according to claim 1, wherein the physical portions correspond to sectors portion corresponds to a sector of the storage device.

- 4. (Currently Amended) A method, according to claim 1, wherein the physical portions correspond to subportions portion corresponds to a subportion of the storage device.
- 5. (Currently Amended) A method, according to claim 1, wherein <u>said</u> determining [[the physical portions]] <u>each track</u> of the storage device that [[have]] <u>has</u> been modified includes:

creating a table that is indexed according to each [[of the portions]] <u>track</u> and has entries indicating whether a corresponding [[one of the portions]] <u>track</u> has been modified, the entries being cleared after a virus scan to indicate that no [[portions]] <u>tracks</u> have been modified; and setting a specific one of the entries in response to a corresponding [[one of the portions]] <u>track</u> of the storage device being subject to a write operation.

- 6. (Original) A method, according to claim 5, wherein creating the table includes copying an other table provided by the storage device.
- 7. (Original) A method, according to claim 5, wherein creating the table includes using an other table provided by the storage device.
 - 8. 21. (Cancelled)

22. (Currently Amended) A computer program product for scanning a storage device for viruses, the computer program product including a computer-readable medium with executable code stored thereon for:

determining, by the storage device, each track [[physical portions]] of the storage device that [[have]] has been [[modified]] accessed for a write operation since a previous virus scan using information about [[the physical portions]] tracks of the storage device without using information about a file structure, a file system, or a file type;

detecting, by the storage device, write operations to tracks of the storage device;

providing, to an antivirus unit by the storage device, information indicating which tracks of the storage device have been accessed for a write operation since the previous virus scan; and scanning, by the antivirus unit using the information provided by the storage device, at least a portion of each track identified as having been accessed for a write operation since the previous virus scan [[parts of the physical portions]] for viruses, wherein scanning is performed without using information about a file structure, a file system, or a file type, and wherein scanning is performed on those tracks to which write operations have been directed in accordance with the information provided by the storage device.

23. (Canceled)

24. (Currently Amended) A computer program product, according to claim 22, wherein the physical portions correspond to sectors portion corresponds to a sector of the storage device.

- 25. (Currently Amended) A computer program product according to claim 22, wherein the physical portions correspond to subportions portion corresponds to a subportion of the storage device.
- 26. (Currently Amended) A computer program product, according to claim 22, wherein said code for determining [[the physical portions]] each track of the storage device that has [[have]] been modified includes code for:

creating a table that is indexed according to each [[of the portions]] <u>track</u> and has entries indicating whether a corresponding [[one of the portions]] <u>track</u> has been modified, the entries being cleared after a virus scan to indicate that no [[portions]] <u>tracks</u> have been modified; and setting a specific one of the entries in response to a corresponding [[one of the portions]] <u>track</u> of the storage device being subject to a write operation.

- 27. (Previously Presented) A computer program product, according to claim 26, wherein said code for creating the table includes code for copying an other table provided by the storage device.
- 28. (Previously Presented) A computer program product, according to claim 26, wherein said code for creating the table includes code for using an other table provided by the storage device.
 - 29. 40. (Cancelled)

41. (Currently Amended) An antivirus unit, comprising: means for coupling to at least one storage device;

means for determining [[physical portions]] <u>each track</u> of the storage device that <u>has</u>

[[have]] been [[modified]] <u>accessed for a write operation</u> since a previous virus scan using information about <u>tracks of the storage device</u> [[the physical portions]] without using information about a file structure, a file system, or a file type;

means for receiving, from the at least one storage device, information determined by the at least one storage device indicating which tracks of the at least one storage device have been accessed for a write operation since the previous virus scan; and

means for scanning, using the information provided by the storage device, at least a portion [[parts]] of each track identified as having been accessed for a write operation since the previous virus scan [[the physical portions]] for viruses, wherein scanning is performed without using information about a file structure, a file system, or a file type, and wherein scanning is performed on those tracks to which write operations have been directed in accordance with the information provided by the storage device.

42. (Canceled)

- 43. (Currently Amended) An antivirus unit, according to claim 41, wherein the <u>portion</u> corresponds to a sector <u>physical portions correspond to sectors</u> of the storage device.
- 44. (Currently Amended) An antivirus unit, according to claim 41, wherein the <u>portion</u> corresponds to a subportion physical portions correspond to subportions of the storage device.

- 45. (Currently Amended) An antivirus unit, according to claim 41, further comprising:
 a table that is indexed according to each track [[of the portions]] and has entries
 indicating whether a corresponding [[one of the portions]] track has been modified, the entries
 being cleared after a virus scan to indicate that no track [[portions]] have been modified; and
 means for setting a specific one of the entries in response to a corresponding [[one of the
 portions]] track of the storage device being subject to a write operation.
- 46. (Original) An antrivirus scanning unit, according to claim 41, wherein said means for coupling includes means for coupling to only one storage device.
- 47. (Original) An antivirus unit, according to claim 41, wherein said means for coupling includes means for coupling to more than one storage device.
 - 48. (Original) An antivirus unit, according to claim 41, further comprising: means for coupling to at least one host.
- 49. (Original) An antivirus unit, according to claim 48, wherein said antivirus unit is interposed between said at least one storage device and said at least one host.
- 50. (Original) An antivirus unit, according to claim 48, wherein said antivirus unit is implemented as a process running on the at least one host.

- 51. (Original) An antivirus unit, according to claim 41, wherein said antivirus unit is implemented using stand alone hardware.
- 52. (Original) An antivirus unit, according to claim 41, wherein at least a portion of the antivirus unit is provided on at least some controllers for the at least one storage device.
 - 53. 62. (Cancelled)
- 63. (Previously Presented) The method of Claim 1, wherein said storage device includes one or more sectors, and the method further comprising:

determining, for each sector of said storage device for a current virus scan, whether said each sector has been modified since a previous scan; and

for said current virus scan, scanning only those sectors determined to have been modified since said previous scan.

64. (Previously Presented) The computer program product of Claim 22, wherein said storage device includes one or more sectors, and the computer-readable medium further comprising code stored thereon for:

determining, for each sector of said storage device for a current virus scan, whether said each sector has been modified since a previous scan; and

scanning only those sectors determined to have been modified since said previous scan.

65. (Previously Presented) The antivirus unit of Claim 41, wherein said storage device includes one or more sectors, and the antivirus unit further comprising:

means for determining, for each sector of said storage device for a current virus scan, whether said each sector has been modified since a previous scan; and

means for scanning only those sectors determined to have been modified since said previous scan.

- 66. (Previously Presented) The method of Claim 1, wherein the antivirus unit is included in the storage device.
- 67. (Previously Presented) The method of Claim 66, wherein the antivirus unit is included in a disk controller of the storage device.
- 68. (Previously Presented) The method of Claim 67, wherein the antivirus unit is included as software running on the disk controller.
- 69. (Previously Presented) The method of Claim 67, wherein the antivirus unit is configured to use at least a portion of hardware that is separate from hardware of the disk controller.
- 70. (Previously Presented) The method of Claim 67, wherein the disk controller is a first disk controller of a plurality of disk controllers included in the storage device, the antivirus unit

is a first antivirus unit of a plurality of antivirus units included in the storage device, and each of said plurality of disk controllers includes a different one of said plurality of antivirus units.

71. (Previously Presented) The antivirus unit of Claim 41, wherein said antivirus unit accessess data on the at least one storage device over a first connection and the information is provided on a second connection different from the first connection between said antivirus unit and the at least one storage device.